

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

CHARLESTON COUNTY

WELL NUMBER.--324729079472001. Local number, CHN-14.

LOCATION.--Lat 32°47'29'', long 79°55'43'', Hydrologic Unit 03050202, Charleston, S C, 100 ft west of Concord St. and 50 ft south of Charlotte St. Owner: City of Charleston, SC.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled production well, diameter 6 inches, cased to 1887 ft, total depth 2007 ft, cased to 1887 ft, open hole from 1887 to 2007 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 7.5 ft above sea level. Measuring point: Top of casing, 2.00 ft above land-surface datum.

REMARKS.--Geophysical logs available in District files. Well logged to 1866 ft Jan 1990.

PERIOD OF RECORDS.--April 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 1.81 ft below land-surface datum, Jun. 5, 1991; lowest 81.00 ft below land-surface datum, Jul. 10, 2000.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	70.10	65.67	62.47	60.70	61.04	62.62	62.65	72.65	76.60	79.79	78.42	77.06
2	69.98	65.46	62.34	60.73	61.25	62.54	62.75	72.47	77.15	79.55	78.30	77.13
3	69.89	65.72	62.40	60.62	61.40	62.31	62.78	72.25	77.03	79.32	78.29	77.10
4	69.61	65.46	62.38	60.63	61.64	62.39	62.91	71.97	76.59	79.14	78.18	77.03
5	69.24	65.30	62.18	60.81	61.87	62.59	63.11	71.84	76.58	79.30	78.05	76.90
6	68.84	65.14	62.08	60.73	62.11	62.80	63.24	71.98	76.61	79.67	77.88	76.69
7	68.58	64.88	61.97	60.76	62.23	62.74	63.62	72.17	76.33	79.60	77.85	76.57
8	68.29	64.53	61.79	60.67	62.30	62.65	64.17	72.04	76.38	79.92	77.77	76.68
9	68.11	64.37	61.64	60.58	62.25	62.63	64.66	71.94	76.97	80.59	77.63	76.64
10	68.00	64.28	61.50	60.57	62.35	62.73	64.76	72.18	77.68	81.00	77.50	76.55
11	67.90	64.21	61.35	60.67	62.69	62.68	64.87	72.53	78.34	80.98	77.39	76.42
12	67.62	63.98	61.08	60.63	62.95	62.94	65.14	72.79	78.65	80.80	77.31	76.26
13	67.40	63.80	61.02	60.58	62.94	62.91	65.52	73.23	78.48	80.48	77.21	76.21
14	67.50	63.77	61.12	60.68	63.17	62.90	66.33	73.15	78.18	80.27	77.21	76.17
15	67.41	63.55	61.14	60.33	63.43	62.90	66.96	73.22	77.86	80.03	77.22	76.26
16	67.32	63.47	61.19	60.68	63.42	62.86	67.25	73.45	77.68	79.89	77.27	76.30
17	66.95	63.65	61.20	60.44	63.33	63.00	67.06	73.82	77.96	79.68	77.33	76.38
18	67.26	63.92	61.15	60.07	63.27	62.89	66.99	74.37	78.63	79.51	77.25	76.26
19	67.01	64.26	60.97	59.89	63.36	62.77	67.08	74.57	79.38	79.36	77.25	76.62
20	66.88	64.24	61.18	59.78	63.35	62.52	67.36	74.94	79.77	79.29	77.10	76.64
21	66.62	64.11	61.17	59.76	63.21	62.78	67.80	74.69	79.60	79.20	77.17	76.74
22	66.32	63.92	61.23	59.74	63.09	62.79	68.49	74.96	79.53	79.58	77.17	76.80
23	66.42	63.76	61.27	59.73	63.02	62.56	68.59	75.24	79.26	79.68	77.28	76.79
24	66.39	63.60	61.37	59.61	63.05	62.46	68.47	75.16	79.02	79.65	77.30	76.75
25	66.42	63.49	61.30	59.78	63.02	62.48	69.02	75.00	79.16	79.43	77.26	76.61
26	66.42	63.33	61.17	60.05	63.00	62.46	69.77	75.12	79.78	79.22	77.13	76.84
27	66.47	63.29	60.86	60.27	62.88	62.15	70.51	75.65	80.45	78.94	77.09	76.63
28	66.46	63.10	60.60	60.43	62.82	62.24	71.35	76.14	80.73	78.71	77.12	76.26
29	66.31	62.89	60.54	60.41	62.75	62.43	72.21	76.03	80.57	78.58	77.01	75.99
30	66.12	62.79	60.50	60.62	---	62.41	72.68	75.84	80.13	78.46	76.89	75.81
31	65.97	---	60.62	60.88	---	62.48	---	75.92	---	78.50	76.96	---
MEAN	67.54	64.13	61.38	60.38	62.66	62.63	66.60	73.78	78.37	79.62	77.44	76.57
MAX	70.10	65.72	62.47	60.88	63.43	63.00	72.68	76.14	80.73	81.00	78.42	77.13
MIN	65.97	62.79	60.50	59.61	61.04	62.15	62.65	71.84	76.33	78.46	76.89	75.81



